



PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/707,697
Filing Date	January 5, 2004
First Named Inventor	Williams et al.
Art Unit	3679
Examiner Name	E. Nicholson
Attorney Docket Number	22188/06732

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

1881 B-A

Date
Considered

6/13/05

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Sheet 1

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DB		US- 388,522	08/1888	Beauchemin	
		US- 1,323,705	12/1919	Lynch	
		US- 2,230,116	01/1941	Kriedel	
		US- 2,150,042	03/1939	Shultz	
		US- 2,287,889	06/1942	Ernest et al.	
		US- 2,179,127	11/1939	Lauer	
		US- 2,182,811	12/1939	Kocher	
		US- 2,405,822	08/1946	Franck	
		US- 2,460,635	02/1949	Herold	
		US- 2,251,717	08/1941	Parker	
		US- 2,330,841	10/1943	Parker	
		US- 2,344,032	03/1944	Eden	
		US- 5,183,322	02/1993	Haruch	
		US- 2,463,707	08/1949	Matousek	
		US- 2,484,815	10/1949	Crawford	
		US- 2,579,529	12/1951	Woodling	
		US- 2,641,487	06/1953	LaMarre	
		US- 2,687,315	08/1954	Courtot	
DB		US- 2,701,149	02/1955	Kreidel et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
DB		EP 489 289	06/1992	Parker		
		DE 4041679	06/1992	Voss		
		TW ROC 35532	02/1981	James Neill		
		DE 4219722	12/1993	Lehmann		
DB		DE 4238877	05/1994	Lehmann		

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DBS		US- 5,351,998	10/1994	Behrens et al.	
		US- 2,744,651	05/1956	Bredstchneider	
		US- 2,749,152	06/1956	Courtot	
		US- 3,075,793	01/1963	Lennon et al.	
		US- 3,103,373	09/1963	Lennon et al.	
		US- 3,120,696	02/1964	Lubkin	
		US- 5,482,232	01/1996	Ohmi et al.	
		US- 2,473,119	06/1949	Wolfram	
		US- 3,250,550	05/1966	Lyon	
		US- 3,275,350	09/1966	Kody	
		US- 3,290,069	12/1966	Davis	
		US- 5,934,714	08/1999	Sugiyama et al.	
		US- 3,336,058	08/1967	Franck	
		US- 6,073,976	06/2000	Schmidt et al.	
		US- 3,445,128	05/1969	Teeters	
		US- 3,484,123	12/1969	van der Velden	
		US- 3,584,900	06/1971	Lennon et al.	
		US- 2,738,994	03/1956	Kriedel et al.	
DBS		US- 3,707,302	12/1972	Hiszpanski	

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DBS		DE 4304534	08/1994	Lehmann		
		EP 071678	02/1983	Deere & Co.		
		EP 223185	05/1987	Norbert		
		EP 484091	05/1992	Crawford		
		EP 489289	06/1992	Parker		
		EP 528079	02/1993	Aerogroup		

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Attorney Docket Number	22188/06732

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		Number-Kind Code ² (# known)			
DB		US- 3,736,008	05/1973	Crawford	
		US- 3,120,969	02/1964	Schmohl	
		US- 3,174,778	03/1965	Gross	
		US- 3,215,457	11/1965	Teeters	
		US- 4,005,824	02/1977	Becker et al.	
		US- 4,037,864	07/1977	Anderson et al.	
		US- 3,321,947	05/1967	Teeters	
		US- 4,230,349	10/1980	Normark	
		US- 4,235,461	11/1980	Normark	
		US- 4,361,283	11/1982	Hetherington et al.	
		US- 2004/0113429	06/2004	Williams et al.	
		US- 5,083,749	01/1992	Linderman et al.	
		US- 4,702,420	10/1987	Rath	
		US- 4,826,218	05/1989	Zahuranec	
		US- 4,915,427	04/1990	Zahuranec	
		US- 4,995,646	02/1991	Johnston et al.	
		US- 5,027,489	07/1991	Johnston	
		US- 5,074,599	12/1991	Wirbel et al.	
DB		US- 3,433,508	03/1969	Teeters	

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		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)				
DB		EP 1406039	04/2004	Swagelok		
		FR 757204	12/1933	Angelterre		
		FR 1092160	04/1955	Grande-Beaumont		
		FR 1170298	01/1959	St. Clair		
		GB 836002	06/1960	KAC Ltd.		
DB		GB 1130835	10/1968	Parker-Hannifin		

Examiner Signature

David B.

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DBS		US- 3,643,984	02/1972	Bucceri	
		US- 3,695,647	10/1972	Pugliese	
		US- 3,888,522	06/1975	Moreiras	
		US- 4,059,297	11/1977	Grahl et al.	
		US- 4,076,286	02/1978	Spontelli	
		US- 4,304,422	12/1982	Schwarz	
		US- 4,556,242	12/1985	Kowal et al.	
		US- 4,630,851	12/1986	Ogawa	
		US- 5,217,261	06/1993	DeWitt et al.	
DBS		US- 5,954,375	09/1999	Trickle et al.	
		US-			

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DBS		GB 2032555	05/1980	Olov Magnus		
		GB 2080900	02/1982	Waverly		
		JP 5079586	03/1993	Sekisui		
		JP 3079892	04/1991	Miura Yoshihisa		
		JP 3229090	10/1991	Riyouden Serv.		
DBS		JP 7055073	03/1995	NTN Corp.		

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		Country Code ² "Number" Kind Code ³ (if known)			
SP	JP 7110084		04/1995	Hitachi Metals	
4	JP 8093975		04/1996	Hitachi Metals	
	JP 8145251		06/1996	Fuji Gokin	
	JP 8210567		08/1996	Hitachi Metals	
	NL 6710340		01/1968	Grassel	
SP	WO 89/09904		10/1989	Nords	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
DJS		WO 93/25837	12/1993	Lehmann		
		WO 97/07356	02/1997	Frolich		
		WO 97/20163	06/1997	Minerdo		
		WO 98/32999	07/1998	Swagelok		
		WO 98/46925	10/1998	Swagelok		
DJS		WO 01/73333	10/2001	Swagelok		

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DR		AU 110622	05/1940	Patex		
DR		CH 598530	04/1978	Begardhskopp		

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